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Batch A

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PREFACE

The CoreConferences 2019 held on 20th – 21st March, 2019, in collaboration with Association of Scientists, Developers and Faculties (ASDF), an International body, at Taipei, Taiwan.

CoreConferences 2019 provides a chance for Academic and Industry professionals to discuss the recent progress in the area of Multiple. The outcome of the conference will trigger for the further related research and future technological improvement. This conference highlights the novel concepts and improvements related to the research and technology.

The technical committee consists of experts in the various course subfields helped to scrutinize the technical papers in various fields, support to maintain the quality level of the proceedings of conference which consist of the information of various advancements in the field of research and development globally and would act as a primary resource of researchers to gain knowledge in their relevant fields.

The constant support and encouragement from Dr. S. Prithiv Rajan, ASDF Global President, Dr. Julie Rue Bishop, ASDF International President and Dr. K. Kokula Krishna Hari, ASDF International General Secretary helped a lot to conduct the conference and to publish the proceedings within a short span. I would like to express my deep appreciation and heartfelt thanks to the ASDF team members. Without them, the proceedings could not have been completed in a successful manner. I would like to express my sincere thanks to our management, student friends and colleagues for their involvement, interest, enthusiasm to bring this proceeding of the conference in a successful way.

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Improvement Measures on Wage System of Construction Skilled Worker in South Korea

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Abstract: *Unlike other industries, the construction industry is characterized by its heavy dependence on labour force with most work done by workers. Still, the industry is witnessing the declining influx of young workers and the rising turnover rates of skilled workers due to such issues as the advancement of 3D industry, negative image and absence of an established wage system. Hence, this paper proposes an alternative scheme that would help improve the wage system and work environment for skilled construction workers in Korea.*

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Mastering the Recycling of Masonry while building Tadao Ando's Private Gallery in Lincoln Park, Chicago

Daniel Joseph Whittaker[1]

Abstract: *The notion of a great presence of masonry rarely conjures up the likes of buildings by master architect, Tadao Ando san of Osaka, Japan, who is better known for his sublime shaping of space with planar forms of site-cast concrete. Perhaps though, one may recall the 'historical intervention' on a grand scale—the now nine-year-old Punta Della Dogan a project (2009) in Venice, Italy, as prima facie evidence of his dialogue with a vast quantity of ancient masonry in the Laguna. However, a new project by Ando, recently opened in Chicago, Illinois (October 2018), presents the private-museum-gallery-going public with a new North American delight. Here, the senses are able to indulge in a hybrid set of experiences shaped by masonry, concrete, and white painted plaster surfaces. This paper explores how the modern concrete master has expanded his dynamic architectural vocabulary utilizing what is known as Chicago common brick: a soft, Lake Michigan-sand and clay based fired brick, and incorporated it into his most recent private commission located in Lincoln Park, Chicago.*

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